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| APPLICATION NO.       | FI      | LING DATE  | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.     | CONFIRMATION NO. |  |
|-----------------------|---------|------------|----------------------|-------------------------|------------------|--|
| 09/586,214 06/02/2000 |         | 06/02/2000 | Thorsten Ott         | 10191/1431              | 10191/1431 8054  |  |
| 26646                 | 7590    | 09/20/2002 |                      |                         |                  |  |
| KENYON &              | k KENY  | ON         | EXAMINER             |                         |                  |  |
| ONE BROAI             | DWAY    |            | HEDNANDEZ OLCA       |                         |                  |  |
| NEW YORK              | , NY 10 | 004        | HERNANDEZ, OLGA      |                         |                  |  |
|                       |         |            |                      | ART UNIT                | PAPER NUMBER     |  |
|                       |         |            |                      | 3661                    |                  |  |
|                       |         |            |                      | DATE MAILED: 09/20/2002 |                  |  |

Please find below and/or attached an Office communication concerning this application or proceeding.

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|   | Application No.                    | Applicant(s)                                       |  |  |  |  |
|---|------------------------------------|--|--|--|--|--|
| Office Action Summany   | 09/586,214                         | OTT ET AL.   |  |  |  |  |
| Office Action Summary   | Examiner                           | Art Unit   |  |  |  |  |
| TI. MAY INO DATE CHI  | Olga Hernandez                     | 3661   |  |  |  |  |
| The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply  |                                    |  |  |  |  |  |
| A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).  Status |                                    |  |  |  |  |  |
| 1) Responsive to communication(s) filed on 23 J   | uly 2002 .                         |  |  |  |  |  |
| 2a)⊠ This action is <b>FINAL</b> . 2b)□ Thi   | is action is non-final.            |  |  |  |  |  |
| 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims   |                                    |  |  |  |  |  |
| 4) Claim(s) 1-10 is/are pending in the application.   |                                    |  |  |  |  |  |
| 4a) Of the above claim(s) is/are withdrawn from consideration.  |                                    |  |  |  |  |  |
| 5) Claim(s) is/are allowed.   |                                    |  |  |  |  |  |
| 6)⊠ Claim(s) <u>1,2 and 8</u> is/are rejected.  |                                    |  |  |  |  |  |
| 7)⊠ Claim(s) <u>3-7,9 and 10</u> is/are objected to   |                                    |  |  |  |  |  |
| 8) Claim(s) are subject to restriction and/or election requirement.  Application Papers   |                                    |  |  |  |  |  |
| 9)☐ The specification is objected to by the Examiner  |                                    |  |  |  |  |  |
| 10)☐ The drawing(s) filed on is/are: a)☐ accep  | ted or b)☐ objected to by the Exar | niner.   |  |  |  |  |
| Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).   |                                    |  |  |  |  |  |
| 11) The proposed drawing correction filed on  | is: a) ☐ approved b) ☐ disappro    | ved by the Examiner.                               |  |  |  |  |
| If approved, corrected drawings are required in rep   | ly to this Office action.          |  |  |  |  |  |
| 12) The oath or declaration is objected to by the Examiner.   |                                    |  |  |  |  |  |
| Priority under 35 U.S.C. §§ 119 and 120   |                                    |  |  |  |  |  |
| 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).   |                                    |  |  |  |  |  |
| a)⊠ All b)☐ Some * c)☐ None of:   |                                    |  |  |  |  |  |
| 1. Certified copies of the priority documents have been received.   |                                    |  |  |  |  |  |
| 2. Certified copies of the priority documents have been received in Application No  |                                    |  |  |  |  |  |
| <ul> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* See the attached detailed Office action for a list of the certified copies not received.</li> </ul>   |                                    |  |  |  |  |  |
| 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  |                                    |  |  |  |  |  |
| a) ☐ The translation of the foreign language provisional application has been received.  15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  |                                    |  |  |  |  |  |
| Attachment(s)   |                                    |  |  |  |  |  |
| 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s)   | 5) Notice of Informal P            | (PTO-413) Paper No(s) latent Application (PTO-152) |  |  |  |  |

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#### **DETAILED ACTION**

## Response to Arguments

Applicant's arguments filed 4/29/02 have been fully considered but they are not persuasive.

The inability to maintain the set speed after the engine output is reduced is the same as detecting the vehicle traveling on a decent (column 3, lines 42-53).

# Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1, 2 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sigl, US Patent no. 5,794,735.

As per claims 1 and 8, Sigl teaches how to

- determine the actual speed of the vehicle (column 3, lines 18-20);
- predefine a set-point speed (column 4, lines 15-20);
- detect whether the vehicle is traveling on a descent (column 3, lines 20-23);
- calculate at least one manipulated variable based on the actual speed and the set-point speed only when the vehicle is detected as traveling on a descent (column 3, lines 22-26); and

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- influence the actual speed of the vehicle on the basis of the at least one manipulated variable (column 3, lines 1-67 and column 4, lines 1-2).

Sigl performs some functions when the vehicle is traveling on a downhill.

Therefore, Sigl detects when the vehicle is traveling on a descent. It can be read between lines.

As per claim 2, Sigl teaches at least that one manipulated variable is calculated only when one switch is activated.

# Allowable Subject Matter

Claims 3-7, 9, 10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

#### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olga Hernandez whose telephone number is (703) 305-0918. The examiner can normally be reached on Monday through Friday from 8:00 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William A. Cuchlinski can be reached on (703) 308-3873. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-7687 for regular communications and (703) 305-7687 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

Olga Hernandez Examiner

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WILLIAM A. CUCHLINSKI, JR. SUPERVISORY PATENT EXAMINER

TECHNOLOGY CENTER 3600